

PATENT ABSTRACTS OF JAPAN

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(54) PASTE TYPE BONE PACKING MATERIAL

(57)Abstract:

PROBLEM TO BE SOLVED: To prevent the outflow of a calcium phosphate paste during packing of the paste at the time of repair of a bone defect part by including the paste described above in a central part and disposing a bioabsorbable material in at least part of the peripheral part of this paste.

SOLUTION: The paste type bone packing material for the repair of the bone defect part used for medical and dental purposes has the calcium phosphate paste in the central and is disposed with the bioabsorbable material in at least part of the peripheral part of this paste. As a result, the calcium phosphate paste is converted to apatite with lapse of time after curing and, thereafter, the bioabsorbable material is absorbed, by which the paste and the bone are brought into contact. The calcium phosphate paste to be used is composed of a powder agent essentially consisting of at least one of tricalcium phosphate and tetracalcium phosphate and a liquid agent of water containing a curing accelerator. The bioabsorbable material is a fibrin sheet, etc., or a sheet consisting of one kind selected from an independent polymer or copolymer of polyactic acid or polyglycolic acid.

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